

# Notes

## Messaging and Server CoIN Discussion

Date: October 24, 2006

Time: 10:30 am to 11:55 am

Location: Commonwealth Auditorium, 4<sup>th</sup> Floor,

Richmond Plaza Building

110 South 7<sup>th</sup> St.

Richmond, Virginia 23219

### Meeting called by:

#### Messaging and Server Task Force Teams

Mike Shaffer (Service Delivery Manager – Mainframe and Server Services)

Don Drew (Service Delivery Manager–Messaging Services)

Don Norwine (NG Functional Lead – Server)

Edwin Rodriguez (NG Functional Lead – Messaging and Active Directory)

### Attendance (71):

Allen, David; Andrews, Cyndi; Baier, Laurie; Baird, Bob;  
Barden, Lee; Bonner, Bill; Brandenburg, Eric;  
Breitzmann, Jennifer; Brown, Alfred; Carpenter, Rod;  
Clark, Thomas; Cline, Ken; Demola, Vince; Diveley, John;  
Drew, Donald; Fay, John; Gross, Tom; Heishman, Don;  
Herr, Michael; Hiller, Kelly; Hokanson, Laans; Hudson, Wendy;  
Hunter, Alvin; Jains, Neera; Jenkins, John; Johnson, Andy;  
Kadaba, Subash; Keezer, Charles; Keller, Kathi; Kent, Timothy;  
Klima, Carl; Kunkel, John; Lawrence, Barbara;  
Markham, Aubrey; Martin, Kevin; Martin, Sam; Matthews, Dave;  
McCloskey, Joe; McHugh, John; Moore, Ron; Nicholl, Chris;  
Noel, Kenly; Norwine, Don; O'Brien, Bill; Paquette, Pat;  
Partlow, Jim; Powell, W.C.; Rocca, Michele; Rodgers, Demetrias;  
Rodriguez, Edwin; Rose, Rodney; Russell, Steven;  
Salmon, Patrick; Schultejans, Jim; Sewell, Jason; Shaffer, Mike;  
Simpson, Tom; Skrove, Mitch; Smith, Betty; Spivey, Pamela;  
Sporn, Bill; Springer, Tom; Steward, Thomas; Stone, Jamey;  
Tarr, Bruce; Tyson, Bill; White, Brian; Wilson, Alan;  
Wimer, Darlene; Winburne, Elias; Wright, Jennifer

### Key Discussion Points:

#### Server Functional Area Status Update

- Transformation Lab Status
- HP OpenView Status
- Server Consolidation Status (Design Phase) / Other Status
- Server Functional Area Timeline

#### Platform & Images High Level Design

- General Description – Why Are We Doing This?
- Overall Solution Description - Standardize
- Standard Images
- Suggested OS Image Parameters

## **Virtualization Infrastructure High Level Design**

- **General Description**
- **Overall Solution Description**
- **VMware Infrastructure Components**
- **VMware Infrastructure Overview**
- **Virtual Infrastructure Composition**
- **Implementation Plan**
- **Storage**
- **Backup / Restore**
- **Provisioning**
- **Enterprise Management**
- **Operational Impact**
- **Additional Options**

**Questions?**

## **Messaging High Level Design Review**

- **Introduction (Messaging Tower Tracks)**
- **Current Environment**
- **Requirements for Exchange and Adjunct Services**
- **Messaging Vision – Messaging Desired Operating Model**
- **Timeline for Exchange and Adjunct Services**
- **Exchange and Adjunct Services Implementation**
- **Why Not Just Adopt the COV?**
- **Solution Overview**
- **High Level Design Elements**
- **Exchange Hardware and Software**
- **Adjunct Services Software/Hardware**
- **Site Failover (CESC & SWESC)**
- **Interface to Existing Solutions**
- **User Interaction**
- **Dependencies**

**Questions?**

## **Active Directory: High Level Design Review**

- **Introduction (Messaging Tower Tracks)**
- **Requirements for Active Directory**
- **Vision for Active Directory**
- **Timeline for Active Directory – Three Timeframes**
- **Active Directory Implementation**
- **COV Transformation Approach**

- Why Not Just Adopt the COV?
- Solution Overview (Logical Elements vs. Physical Elements)
- Logical Element Design (Forest and Domain Model/Organizational Unit Design)
- Organizational Unit Design
- Logical Element Design (Group Policies-TBD)
- Physical Element Design (Active Directory Site Design)
- Other Design Element (Time Synchronization/Active Directory Operating Modes)
- Other Design Elements (Trust Relationships)
- Hardware and Software
- Implementation Plan (Three Phases of Effort)
- Interfaces to Existing Systems
- Interfaces With Active Directory
- Affect on User Population – No Real Impact!
- Dependencies (For Phase 2)
- Risks

Questions?

#### Issues/Questions:

1. Did your last slide (slide page 17) indicate your plan to eliminate Sun Solaris?

*Summary Answer. No. We are not planning to eliminate Sun Solaris. Operating system selection depends upon the application running on the system. We are standardizing on HP-UX and Linux where possible.*

2. When will we be able to test the ESX backups phase?

*Summary Answer. We should be able to stand up the production infrastructure by Christmas and start testing at that time.*

3. What can you tell us about relocating backup equipment to the CESC?

*Summary Answer. A backup solution will be provided at the CESC.*

4. I have a question dealing with exchange server mail. Will the user mail data continue to be on the SAN or will it go into a .pst file?

*Summary Answer. Online data will be migrated to the Exchange server. The .pst extension will be handled and addressed separate. Save these questions for a later time.*

5. Active directory question. What will be the user's fully qualified domain name?

*Summary Answer. We will be using cova.virginia.gov. The user's SMTP name (email address) will not be changing.*

6. What about processes on Unix and Solaris that have logons to Windows systems and applications?

*Summary Answer. That will be covered in-depth in the migration presentation. We will provide services in the least disruptive manner possible. The ADAM and MIIS tools will be*

*in place to help solve problems relating to authorization and authentication.*

**7. No discussion was held on the file and print backup infrastructure?**

*Summary Answer. This is an area that is handled by another functional area. File and print local to agencies will use local backup systems. The CESC will use EBARS.*

**8. Since we are adopting a regional management approach, how will we handle traveling users when they move from one location to another? Will we move them in Active Directory?**

*Summary Answer. We would only move the user object within Active Directory if the user physically moves or relocates to another region. Within the services we provide, we would want their servers and our services to follow them as they travel. Object changes such as user moves will be handled by the change control process.*

**9. We have not really gotten into those areas of information that provide a solid backup strategy and solution. We are now within 30 to 60 days of ordering equipment for the CESC.**

*Summary Answer. The next step is to get together with you (the person who asked the question) to talk through those assignments, and to address any of those issues you may have. Let's talk after the meeting.*

**Action List:**

- Minutes to be posted; distribution per VITA website.
- Email additional questions for next CoIN to Mike Shaffer and Don Drew.
- Next meeting: TBD. The specific date will be announced.
- Future Topics? Suggestions?

**Reminder - VITA/NG CoINs are open meetings so please feel free to attend!**